

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 25, 2003, 14:42:11 ; Search time 11.4264 Seconds
(without alignments)
283.251 Million cell updates/sec

Title: US-09-622-613B-19

Perfect score: 599

Sequence: 1 QMATEQOKHIIKTPICNT.....ICVCENQYVHFAGICRCP 110

Scoring table: BLASTSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 200000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents-AA:
1: /cgn2_6/ptodata/1/1aa/5A.COMB.pep.*
2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep.*
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep.*
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep.*
5: /cgn2_6/ptodata/1/1aa/PCTUS.COMB.pep.*
6: /cgn2_6/ptodata/1/1aa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	576.5	96.2	111	2	US-08-891-848-12
2	576.5	96.2	111	3	US-08-875-811-8
3	274.5	45.8	104	1	US-08-467-955-2
4	267.5	44.7	104	4	US-09-394-268-1
5	267.5	44.7	104	4	US-09-394-268-2
6	267.5	44.7	104	4	US-09-687-748-1
7	267.5	44.7	104	4	US-09-687-748-2
8	267.5	44.7	129	3	US-08-875-811-63
9	267.5	44.7	379	3	US-08-875-811-43
10	264.5	44.2	104	1	US-08-283-971-1
11	264.5	44.2	104	1	US-07-921-619-1
12	264.5	44.2	104	1	US-08-467-955-1
13	264.5	44.2	104	2	US-08-891-848-13
14	264.5	44.2	105	3	US-08-875-811-39
15	264.5	44.2	355	3	US-08-875-811-51
16	264.5	44.2	358	3	US-08-875-811-51
17	262.5	43.8	104	3	US-08-875-811-1
18	262.5	43.8	104	4	US-09-071-672-1
19	262.5	43.8	106	3	US-08-875-811-28
20	262.5	43.8	107	3	US-08-875-811-30
21	262.5	43.8	112	3	US-08-875-811-32
22	262.5	43.8	251	3	US-08-875-811-59
23	262.5	43.8	254	3	US-08-875-811-61
24	262.5	43.8	355	3	US-08-875-811-49
25	262.5	43.8	355	3	US-08-875-811-57
26	262.5	43.8	355	3	US-08-875-811-64
27	262.5	43.8	366	3	US-08-875-811-55

28	257.5	43.0	105	3	US-08-875-811-24	Sequence 24, Appl
29	257.5	43.0	105	3	US-08-875-811-26	Sequence 26, Appl
30	253.5	42.3	358	3	US-08-875-811-45	Sequence 45, Appl
31	253.5	42.3	365	3	US-08-875-811-53	Sequence 53, Appl
32	239.5	40.0	107	3	US-08-875-811-20	Sequence 20, Appl
33	236.5	39.5	111	3	US-08-875-811-22	Sequence 22, Appl
34	231	38.6	114	4	US-09-223-118-3	Sequence 3, Appl1
35	222	37.1	114	4	US-09-223-118-2	Sequence 2, Appl1
36	221	36.9	114	4	US-09-223-118-1	Sequence 1, Appl1
37	220	36.7	114	4	US-09-223-118-4	Sequence 4, Appl1
38	217.5	36.3	360	3	US-08-875-811-47	Sequence 47, Appl1
39	202	33.7	83	3	US-08-875-811-2	Sequence 2, Appl1
40	202	33.7	83	4	US-09-071-672-3	Sequence 3, Appl1
41	166	27.7	169	1	US-08-441-629-2	Sequence 2, Appl1
42	166	27.7	169	4	US-08-776-207-2	Sequence 2, Appl1
43	166	27.7	169	4	US-09-507-773-2	Sequence 2, Appl1
44	166	27.7	169	5	PCT-US95-09172-2	Sequence 2, Appl1
45	123.5	20.6	125	6	5171845-2	Patent No. 5171845

ALIGNMENTS

RESULT 1
US-08-891-848-12
Sequence 12, Application US/08891848
Patent No. 5955073
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Youle, Richard J.
APPLICANT: Newton, Dianne L.
APPLICANT: Nicholls, Peter J.
TITLE OF INVENTION: Selective Ribase Cytotoxic Reagents
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/891,848
FILING DATE: No. 5955073 yet assigned
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/125,462
FILING DATE: 22-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/014,082
FILING DATE: 04-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/779,195
FILING DATE: 22-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/510,696
FILING DATE: 20-APR-1990
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 015280-11031005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 111 amino acids
TYPE: amino acid

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STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..111
OTHER INFORMATION: /note="Frog Lectin from Rana
OTHER INFORMATION: catesbeiana"
US-08-891-848-12

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Best Local Similarity 95.5%; Pred. No. 1e-60;
Matches 106; Conservative 3; Mismatches 1; Indels 1; Gaps 1;

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QY      60 LSTTRFOLNCTRTSITPRPCPYSSRTEYNTVCACENQYVPHFAGIGRCP 110
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Db      61 LSTTRFOLNCTRTSITPRPCPYSSRTEYNTVCACENQYVPHFAGIGRCP 111
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RESULT 2
US-08-875-811-8
: Sequence 8, Application US/08875811
: Patent NO. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESSES:
ADDRESS: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Fatis, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 111 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..111

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; OTHER INFORMATION: /note= "Frog Lectin from Rana
; OTHER INFORMATION: catesbeiana
US-08-875-811-8

Query Match          96.2%; Score 576.5; DB 3; Length 111;
Best Local Similarity 95.5%; Pred. No. le-60;
Matches 106; Conservative 3; Mismatches 1; Indels 1; Gaps 1;

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Db      1 ENMATFOOKHIITPLINCNTIMDNNIYVGGCKRVNFTLISSATVKAICTGVINNV 60
       : ::::::::::::::::::::|::|::|::|::|::|::|::|::|::|::|::|::|

OY      60 LSTRPOLNCTRTSITPRCPYSSRFTETNYICVKCENQYVHFAGIGRCP 110
       : |::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
Db      61 LSTRPOLNCTRTSITPRCPYSSRFTETNYICVKCENQYVHFAGIGRCP 111
       : |::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|

RESULT 3
US-08-467-955-2
; Sequence 2, Application US/08467955
; Patent No. 5728805
; GENERAL INFORMATION:
; APPLICANT: Argelt Ph.D. Wojciech J.
; TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark H. Jay, P.A.
; STREET: P.O. Box E
; CITY: Short Hills
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07078-0383
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/467,955
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/178,118
; FILING DATE: 06-APR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/436,141
; FILING DATE: 13-NOV-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/814,332
; FILING DATE: 03-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/283,970
; FILING DATE: 01-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Jay, Mark H.
; REGISTRATION NUMBER: 27507
; REFERENCE/DOCKET NUMBER: 5007 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-912-9066
; TELEFAX: 201-912-0442
; TELEX: NO. 5728805 Applicable
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 104 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEetical: N
; ANTI-SENSE: N
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: Rana pipiens

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APPLICATION NUMBER: US/07/921,619
FILING DATE: 19920728
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5005 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 718-625-0399
TELEFAX: 718-625-0399
TELEX: No. 5595734 Applicable
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Embryo

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	Best Local Similarity	46.8%:	Pred. No.5.6e-24;		
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Oy				9;	Gaps 4.
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	I EDWLTFPKKHHTTRDVDCDDIMSTNLF---	HCDKNKFFTISREPEPKAIICKGLIASKN	56		
Oy	VLSTRPOLNTCTRTSITPRCPYSRRPTNVICWKCNOYPVHPAGIGRC	109			
Db	VLTISEYLASC--NWTSRCEKKKLKSINKMFCVTCSNQAPVHVVGSGE	104			

RESULT 12
 US-08-467-955-1
 Sequence 1, Application US/08467955
 Patent No. 5728605
 GENERAL INFORMATION:
 APPLICANT: Ardetl Ph.D, Wojciech J.
 TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Mark H. Jay, P.A.
 STREET: P.O. Box E
 CITY: Short Hills
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07078-0383
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentln Release #1.24
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/467,955
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/178,118
 FILING DATE: 06-APR-1988
 PRIOR APPLICATION DATA:


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Search completed: June 25, 2003, 15:00:22
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